## INTERNATIONAL SEARCH REPORT

nternational Application No CT/US2005/000004

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D333/38 C07D417/10 C07D307/68 CO7D409/10 A61K31/381 A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7D

Category ° Citation of document, with indication, where appropriate, of the relevant passages

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, EMBASE, BIOSIS

	The state of the s	e reievant passages	nelevant to daim No.
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	examples 5,11		10,41
X	REUX, D. ET AL: "Cyclization 3-(alkylthio)-1,1,3-tricyano-1 thiophenes" SULFUR LETTERS , 13(5), 197-20 SULED2; ISSN: 0278-6117, 1991, page 199; compound 3F	1,3	
X	AUGUSTIN, M. ET AL: "Thiophenes-alkylation" TETRAHEDRON, 32(24), 3055-61 TETRAB; ISSN: 0040-4020, 1976, page 3056 - page 3057; compound 4B,4E,4I,4M	CODEN: XP002330193	1,3,26, 28
		-/	
X Furth	ner documents are listed in the continuation of box C.	χ Patent family members are listed i	n annex.
"A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other r "P" docume	ant which may throw doubts on priority claim(s) or is cited to establish the publication date of another or other special reason (as specified) and referring to an oral disclosure, use, exhibition or	<ul> <li>"T" later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention</li> <li>"X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do</li> <li>"Y" document of particular relevance; the cannot be considered to involve an inventive step when the document is combined with one or moments, such combination being obvious in the art.</li> <li>"&amp;" document member of the same patent</li> </ul>	the application but early underlying the slaimed invention be considered to cument is taken alone slaimed invention ventive step when the one other such docuus to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report
2	June 2005	13/06/2005	
	nailing address of the ISA	Authorized officer	

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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
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Information on patent family members

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